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TE-2
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	CNL Assignment - 8
	and an Anthe at the same
Q.1.	what is ons? Main purpose of DNS server?
-> i\	DNS is hierarchical and decentralised naming system for computer
	services or other resources connected to Internet or private network
ii)	It associates various information with domain names assigned
	to each of participating entities.
in	It translates more readily memorized domain names to
	numerical IP adverses needed for location and
	Dentitying computer services and devices with underlying
	peotocolo.
iv>	The Domain Name System delegates the responsibility of
	assigning asmain names and mapping those names to Internet
	resources by designating authorative name servers for each
	domain.
0	and the second of the second o
a>	The ons serves as phone book for Internet by translating huma
	computer nostrames into TP 11 age
5>	g. aut. example com translates to 93.184.216.21
4	the pub can be quickly and transparently underland it
	a service:s location on network to change without affecting
	end users.
	the same served is the same to the same
0.2.	what are one zones?
>a>	A ous zone is any distinct, contigues postion of domain
	name space in Domain Name Sys (ANS) for which
	administrative sesponsibility has been d to single manager.
5>	with number of DNS servers being used instead of
	single one, we have to define the area over which
	() Which
	early sower how so without
	each sower has an authority.

cy	What a server is repponsible for or has authority
	over is called as zone.
d>	If server is appointed for domain and the domain is
	not further divided into subdomains then the domain
	and zone will be some.
e)	The sewer makes a database called a zone file.
	It keeps all info about every node under that zone.
\$ >	But if a server divides its domains into subdomains
	and delegates part of its authority to other serves
401111	then domain and zone will be different from each other.
A>	Info about nodes is stored in lower levels.
U	the said of the said and the said and the
Q.3.	what is round robin ons?
-> 1.	Round Robin DNS is technique of load distribution,
	load balancing or fault-tolerance provisions multiple.
	redundant Internet Protocol service hosts.
	g: Web servers, FTP servers, etc.
2.	In its simplest implementation, sound solin DND words
	by responding to DNS requests not only with single
1	potential IP addresses.
3.	
	are returned is basis for term round robin.
4.	With each DNS response, IP address sequence in list is
	permuted.
5.	Round-soluin DNS is often used to load balance
	squests among number of web servers.
6.	IP dients initially altempt connections with Bost
	address returned from a DNS querry, so that
	on different connection attempts, dients would severe
	service from different provides, thus distributing
	overall load anoung sowers.